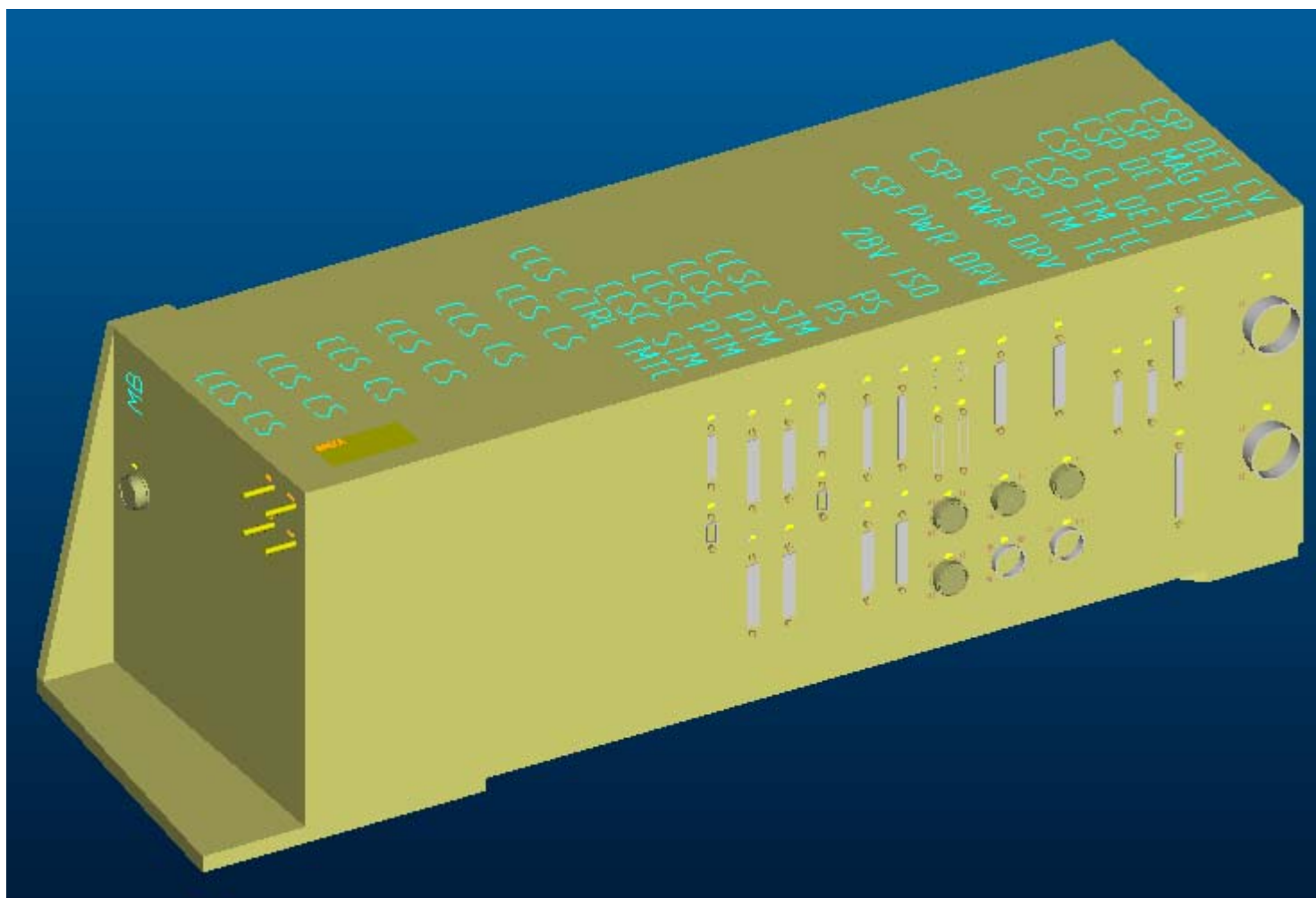
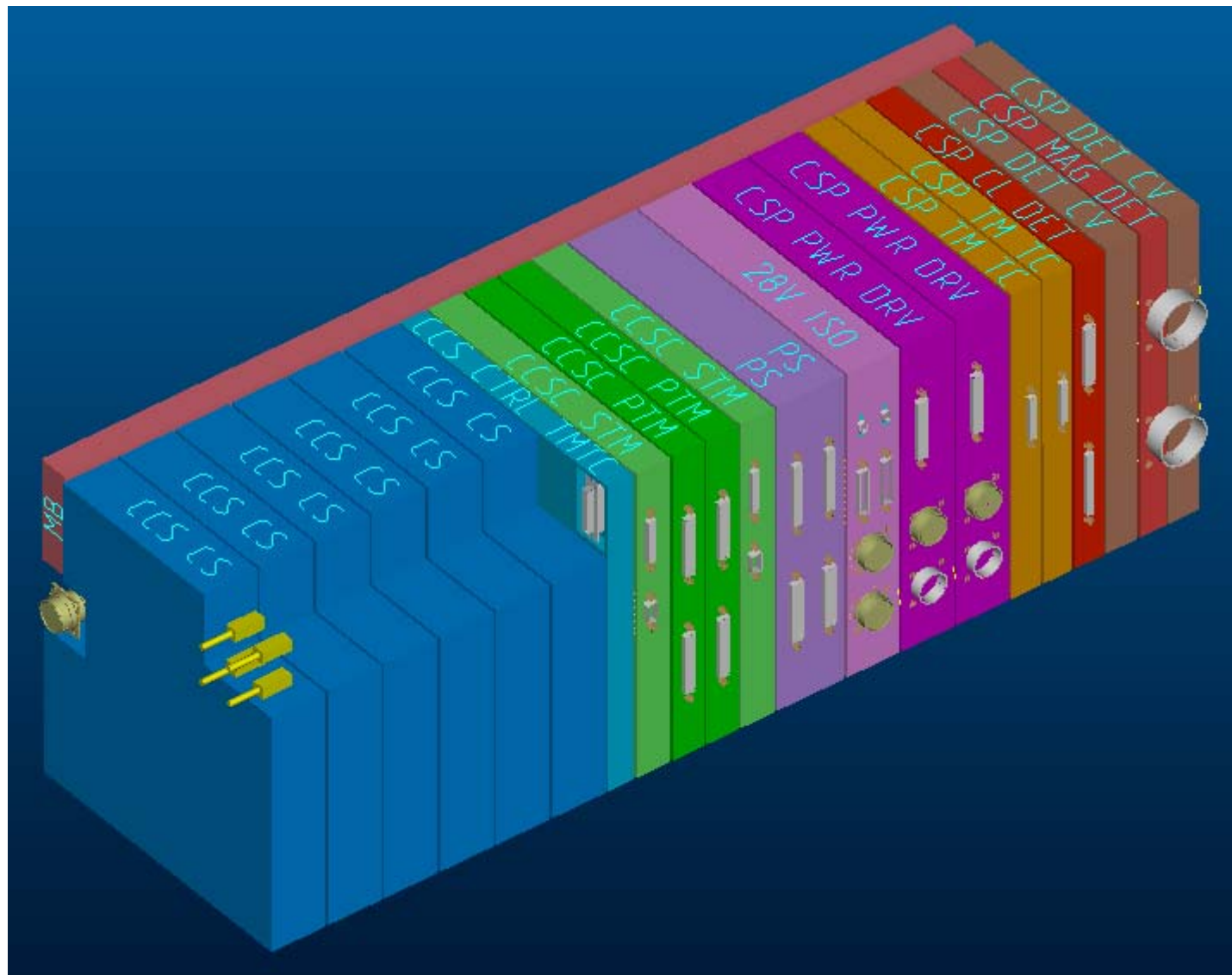


AMS CAB Outline 2003 05 08

Figures below illustrate the adapted box, from the proposed envelope at 2003 03 to have a cantilevered fixation in the unit end corresponding to CCS.

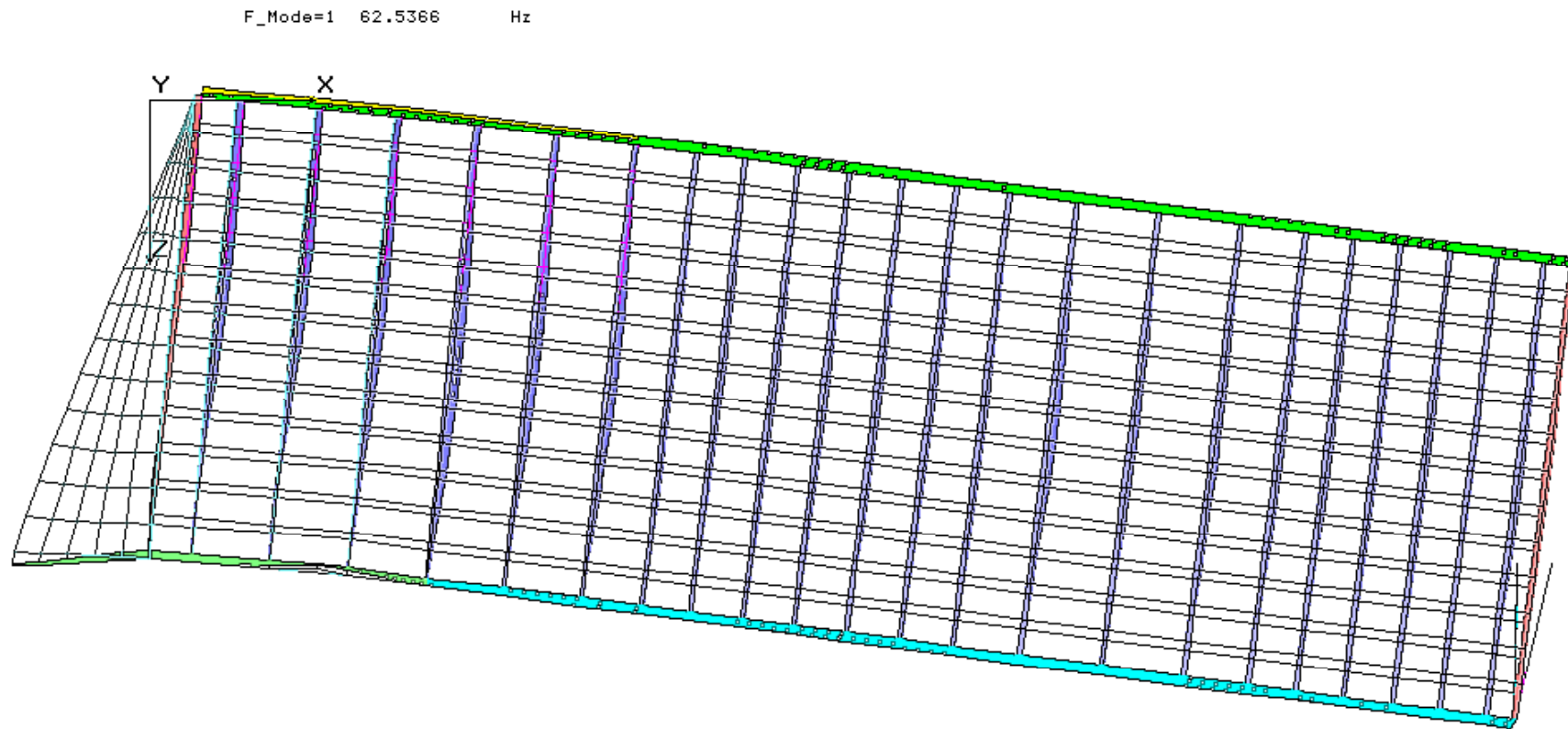
It still can happen small adjustments on the outer dimensions, as lay out activities of the contents are in progress., thus consider the dimensions given as +/- 10 mm on the box envelope to account for screws and protrusions.



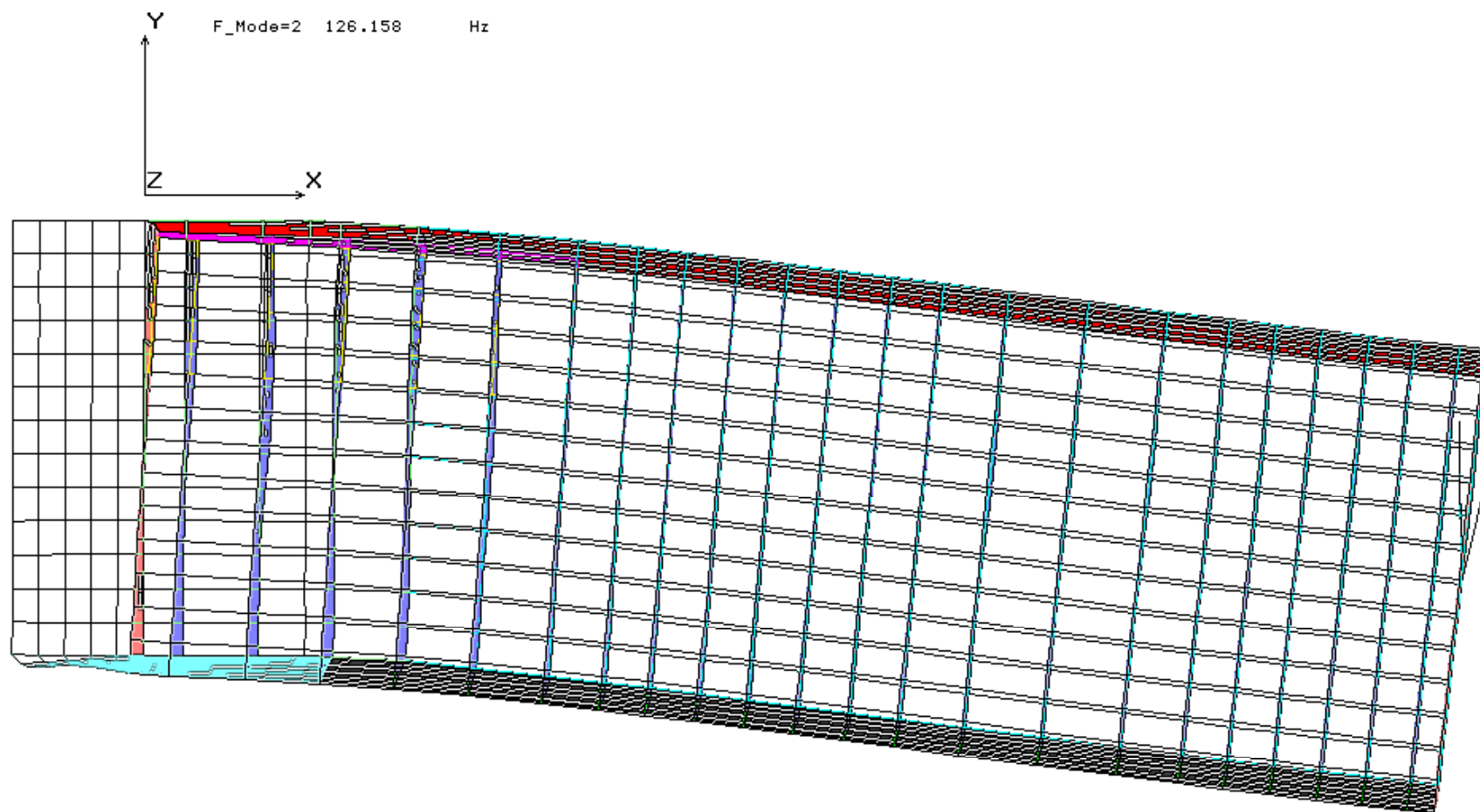


FEM SIMULATION OF R.BECKER FISATION PROPOSAL

CANTILEVERED CONDITION, ANCHOR POINT ON UPPER TRUNION, SPRING ON LOWER TRUNION



FIRST NATURAL FREQUENCY ON Z AXIS IN THE PLOT AT 62 HZ



FIRST NATURAL FREQUENCY ON Y AXIS IN THE PLOT AT 126 HZ

MASS IMPACT OF THE REINFORCEMENTS FOR THE ANCHOR AREA IS EVALUATED AS 2.5 KG

FEASIBILITY OF MACHINING OF THE “L” SHAPED INTEGRAL PART, CONTAINING BASE AND REAR PLATES, IS TO BE EVALUATED.

INTERFACES TO UPPER TRUNION AND LOWER TRUNION MUST BE FIXED VERY SOON TO ALLOW STARTING DETAIL DESIGN OF CAB BOARDS; AS THESE ALSO INTERFACE WITH THE”L” SHAPED MAIN STRUCTURAL PART.